

ABSTRACT OF THE DISCLOSURE

A device and two-step sequential method for providing medication for injection and infusion by a jet injector includes a cassette which connects an injector system to a reservoir. The cassette forms a fluid pathway at an interface of a cassette lower body and a cassette upper body. The cassette also forms an impulse chamber with a nozzle leading therefrom. The fluid pathway interconnects the reservoir with the impulse chamber. The medication flows from the reservoir along the fluid pathway and into the impulse chamber. Force from an impulse generator drives the fluid medicament from the impulse chamber through the nozzle, out an orifice in a tip of the nozzle, and into the skin of a patient. To prevent the pressure waves generated by the jet injector from damaging a glass reservoir, the fluid pathway is formed with pressure attenuators.